

Relative enumerability in Ershov's hierarchy

Batyrshin I.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

Generalizations to various levels of Ershov's hierarchy of the relationship between n -computable enumerability and relative enumerability are considered. © 2008 Pleiades Publishing, Ltd.

<http://dx.doi.org/10.1134/S0001434608090198>

Keywords

Computable function, Constructive ordinal, Ershov's hierarchy, Limit ordinal, n -computable enumerability, Relative enumerability, Turing degree